

IN THE CLAIMS:

Please amend claims 1-16 as follows.

1. (Currently Amended) A method for traffic management in a radio system, the method comprising:

~~characterized by~~

monitoring (502) at least one cell load parameter of non-real-time users in a radio cell;

triggering (504) a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;

selecting (506), based on at least one cell load parameter, the non-real-time users to perform cell reselection; and

triggering (508) the selected non-real-time users to perform cell reselection.

2. (Currently Amended) The method of claim 1, ~~characterized by~~ further comprising selecting, based on the cell load parameter, the number of non-real-time users to perform cell reselection.

3. (Currently Amended) The method of claim 1, ~~characterized by~~ further comprising using different pre-set cell load thresholds for different traffic classes or priority classes of the non-real-time users.

4. (Currently Amended) The method of claim 1, ~~characterized in that the~~ wherein non-real time users are selected for cell reselection on the basis of at least one of the following cell load parameters:

-experienced quality of service;

- experienced delay;
- data throughput;
- transmission power level;
- capacity request rejection rate;
- used temporary block flows;
- number of temporary block flow users.

5. (Currently Amended) The method of claim 1, ~~characterized in that~~ further comprising ranking the non-real-time users ~~are ranked~~ on the basis of a cell load parameter, and

~~that the selection of~~ selecting the non-real-time users to perform cell reselection is ~~based on the~~ on the basis of a ranking.

6. (Currently Amended) The method of claim 1, ~~characterized in that~~ wherein the number of non-real-time users to perform cell reselection is based on the magnitude by which the pre-set cell load threshold is ~~exceeded~~ exceeded.

7. (Currently Amended) The method of claim 1, ~~characterized in that~~ wherein the cell reselection is an inter-system cell reselection or an inter-carrier cell reselection.

8. (Currently Amended) A radio system, comprising
a base station (226) for providing a radio cell (206) for radio transmission and reception to user equipment (270, 272, 274), wherein

~~characterized in that~~ the radio system is configured to:

monitor at least one cell load parameter of non-real-time users (270, 272, 274) in a radio cell (226);

trigger a cell reselection process in the radio cell (226) on the basis of a cell load parameter exceeding a pre-set cell load threshold,

select, based on at least one cell load parameter, the non-real-time users (270, 272) to perform cell reselection; and

trigger the selected non-real-time users (270, 272) to perform cell reselection.

9. (Currently Amended) The system of claim 8, ~~characterized in that~~ wherein the system is configured to select, based on the cell load parameter, the number of non-real-time users (270, 272) to perform cell reselection.

10. (Currently Amended) The system of claim 8, ~~characterized in that~~ wherein the system is configured to use different pre-set cell load thresholds for different traffic classes or priority classes of the non-real-time users (270, 272, 274).

11. (Currently Amended) The system of claim 8, ~~characterized in that~~ wherein the system is configured to select, based on at least one of the following cell load parameters, non-real-time users (270, 272, 274) for cell reselection:

- experienced quality of service;
- experienced delay;
- data throughput;
- transmission power level
- capacity request rejection rate;
- used temporary block flows;
- number of temporary block flow users.

12. (Currently Amended) The system of claim 8, ~~characterized in that~~ wherein the system is configured to rank the non-real-time users on the basis of a cell load parameter, and that the selection of the non-real-time users to perform cell reselection is based on the ranking.

13. (Currently Amended) The system of claim 8, ~~characterized in that~~ wherein the system is configured to select, based on the magnitude by which the pre-set cell load threshold is exceeded, the number of non-real-time users ~~(270, 272)~~ to perform cell reselection.

14. (Currently Amended) The system of claim 8, ~~characterized in that~~ wherein the radio system is configured to trigger an inter-system cell reselection or an inter-carrier cell reselection.

15. (Currently Amended) The system of claim 8, ~~characterized in that~~ wherein the radio system comprises a controller ~~200~~ configured to:

monitor at least one cell load parameter of non-real-time users ~~(270, 272, 274)~~ in a radio cell ~~(226)~~;

trigger a cell reselection process in the radio cell ~~(226)~~ on the basis of a cell load parameter exceeding a pre-set cell load threshold~~[[,]]~~;

select, based on at least one non-real-time cell load parameter, the non-real-time users ~~(270, 272)~~ to perform cell reselection; and

trigger the selected non-real-time users ~~(270, 272)~~ to perform cell reselection.

16. (Currently Amended) The system of claim 8, ~~characterized in that~~ wherein the radio system comprises:

monitoring means ~~(208)~~ for monitoring at least one cell load parameter of non-real-time users ~~(270, 272, 274)~~ in a radio cell ~~(226)~~;

first triggering means ~~(210)~~ for triggering a cell reselection process in the radio cell ~~(226)~~ on the basis of a cell load parameter exceeding a pre-set cell load threshold,

selecting means ~~(212)~~ for selecting, based on at least one non-real-time cell load parameter, the non-real-time users ~~(270, 272)~~ to perform cell reselection;

second triggering means ~~(210)~~ for triggering the selected non-real-time users ~~(270, 272)~~ to perform cell reselection.

Please add new claims 17-25 as follows:

17. (New) A controller of a radio system comprising a base station for providing a radio cell for radio transmission and reception to user equipment, the controller comprising:

monitoring means for monitoring at least one cell load parameter of non-real-time users in a radio cell;

first triggering means for triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;

selecting means for selecting, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and

second triggering means for triggering the selected non-real-time users to perform cell reselection.

18. (New) The controller of claim 17, wherein the selecting means is configured to select, based on the cell load parameter, the number of non-real-time users to perform cell reselection.

19. (New) The controller of claim 17, wherein the first triggering means is configured to use different pre-set cell load thresholds for different traffic classes or priority classes of the non-real-time users.

20. (New) The controller of claim 17, wherein the selecting means is configured to select, based on at least one of the following cell load parameters, non-real-time users for cell reselection:

- experienced quality of service;
- experienced delay;
- data throughput;
- transmission power level
- capacity request rejection rate;
- used temporary block flows;
- number of temporary block flow users.

21. (New) The controller of claim 17, wherein the selecting means is configured to rank the non-real-time users on the basis of a cell load parameter and to select the non-real-time users on the basis of a ranking.

22. (New) The controller of claim 17, wherein the selecting means is configured to select, based on the magnitude by which the pre-set cell load threshold is exceeded, the number of non-real-time users to perform cell reselection.

23. (New) The controller of claim 17, wherein the second triggering means is configured to trigger an inter-system cell reselection or an inter-carrier cell reselection.

24. (New) A radio network controller of a radio system comprising a base station for providing a radio cell for radio transmission and reception to user equipment, the radio network controller comprising:

monitoring means for monitoring at least one cell load parameter of non-real-time users in a radio cell;

first triggering means for triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;

selecting means for selecting, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and

second triggering means for triggering the selected non-real-time users to perform cell reselection.

25. (New) A base station of a radio system, the base station for providing a radio cell for radio transmission and reception to user equipment, the base station comprising:

monitoring means for monitoring at least one cell load parameter of non-real-time users in a radio cell;

first triggering means for triggering a cell reselection process in the radio cell on the basis of a cell load parameter exceeding a pre-set cell load threshold;

selecting means for selecting, based on at least one non-real-time cell load parameter, the non-real-time users to perform cell reselection; and

second triggering means for triggering the selected non-real-time users to perform cell reselection.